

REMARKS

The examiner acknowledges the Supplemental IDS, filed June 14, 2004, but does not acknowledge the original IDS filed with the application on December 1, 2003. It is respectfully requested that the original IDS be acknowledged and the references cited therein be made of record.

Claim 16 has been amended to correct an inadvertent omission therein.

Claims 1-18 are rejected either under 35 U.S.C. § 102 as being anticipated by U.S. patent application publication no. 2002/009331 to Rochelle, or under 35 U.S.C. § 103 as being unpatentable over Rochelle in view of U.S. patent no. 6,115,927 to Hendrix. The rejections are respectfully traversed and reconsideration and withdrawal thereof is respectfully asked.

The claimed invention relates to a system for measuring the relative locations of points on a vehicle, utilizing plural electromagnetic radiation sources and receivers, and includes a unique display technique which indicates, for each source and each receiver, whether or not the source is in the field of view of the receiver. Thus, for example, each of claims 1 and 16 recites a display device coupled to a processor having a program routine “for monitoring each receiver and generating on the display device a graphical display indicating for each source and each receiver whether or not the source is in the field of view of the receiver.” Similarly, claim 24 recites a method including “providing an indication as to whether or not any source is outside the field of view of any receiver and, if so, identifying which source or sources and which receiver or receivers.” No such arrangement is disclosed or suggested by either cited reference.

The claimed system also includes an electromagnetic radiation source disposed on a hand-held probe having an indicator which indicates whether the source is in the field of view of all of the receivers or all but one of the receivers. Thus, for example, claim 8 recites a radiation source on a hand-held probe and “an indicator on the hand-held probe” and a processor program

routine for “causing the indicator to operate in a first mode if the source is in the field of view of all of the receivers and in a second mode if the source is in the field of view of all but one of the receivers.” Similarly, claim 16 recites a system including first sources adapted to be fixed relative to the vehicle and a second source on the hand-held probe, the processor program including a routine “causing the indicator to operate in the first mode if the at least one second source is in the field of view of all of the receivers and in a second mode if the at least one second source is in the field of view of all but one of the receivers.” No such arrangement is disclosed or suggested by the cited references.

In support of the rejection, the examiner refers only to page 1, section 0006 of Rochelle. That section, which discusses prior art to the Rochelle application, makes no mention whatsoever of a display technique for indicating whether or not particular radiation sources are within the field of view of particular radiation receivers. Indeed, while the examiner contends that the section discloses “a display device,” the only mention in the section of something which might be deemed a display device is reference to “generation of virtual reality computer graphics.” Furthermore, there is no discussion elsewhere in Rochelle of a display technique which in any way indicates whether or not a radiation source is in the field of view of a radiation receiver, let alone the specific technique recited in applicants’ claims. The reference really has nothing to do with display techniques.

While Hendrix discloses a measuring system which does include a display device 22 (Fig. 2) and utilizes plural fixed emitters and camera sensors, there is no suggestion in the reference of a display technique which indicates, for each source, whether or not it is in the field of view of a particular sensor.

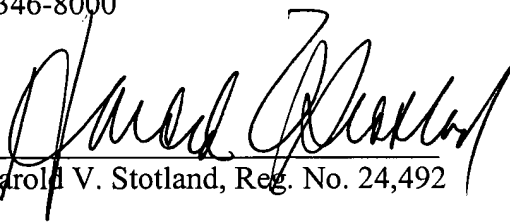
Thus, the fundamental aspect of applicants' invention is simply not found in either of the cited references.

For these reasons it is respectfully requested that the rejection of claims 1-28 be reconsidered and withdrawn and that the application be allowed.

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